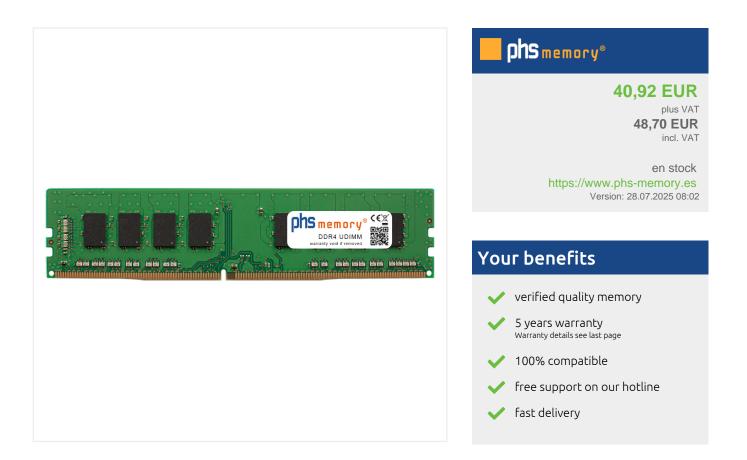
phs memory®

# 16GB Computer memory DDR4 for Asus X99-DELUXE II UDIMM



#### PHS-memory® - computer memory with 100% quality

- many years of IT competence
- Free support for optimal configuration and product selection
- High availability through professional warehouse management
- Fast delivery in throughout Europe
- Short response times and professional order processing due to full digitalization throughout the entire process with complete traceability
- Incoming goods inspection include checks of the DRAMs, PCBs and the programmed SPDs in order to exclude possible errors (Controlled BOM).
- PHS-memory® brand memories guarantee 100% compatibility to the specified system.
- PHS-memory® memories can be used together with existing memories in the device depends on to the configuration rules of the system.
- The "fallback option" in the SPD of PHS-memory® allows DRAMs with higher clock rates to be operated together with older memory modules with lower clock rates within the system.
- Products with unique serial number for service and warranty
- Pre-sales and after-sales support by technically trained personnel



## Memory Specification



Memory technologyDDR4ECC supportnoJEDEC NormPC4-19200UTypeUDIMM (Non-ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate2400MHz @ CL17Voltage1,2 VoltSpeciality-Goperating temperature0° C - 85° CStorage temperature-40° C - +95° CKUSP197475EAN4055069659641	Memory size	16GB
JEDEC NormPC4-19200UTypeUDIMM (Non-ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate2400MHz @ CL17Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	Memory technology	DDR4
TypeUDIMM (Non-ECC unbuffered)Number of pins288 Pin DIMMMemory data transfer rate2400MHz @ CL17Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	ECC support	no
Number of pins288 Pin DIMMMemory data transfer rate2400MHz @ CL17Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	JEDEC Norm	PC4-19200U
Memory data transfer rate2400MHz @ CL17Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	Туре	UDIMM (Non-ECC unbuffered)
Voltage1,2 VoltSpeciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	Number of pins	288 Pin DIMM
Speciality-Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	Memory data transfer rate	2400MHz @ CL17
Board dimensions133,35 x 31,25 (LxB mm)Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	Voltage	1,2 Volt
Operating temperature0° C - 85° CStorage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	Speciality	-
Storage temperature-40° C - +95° CRoHS compliantYesSKUSP197475	Board dimensions	133,35 x 31,25 (LxB mm)
RoHS compliantYesSKUSP197475	Operating temperature	0° C - 85° C
<b>SKU</b> SP197475	Storage temperature	-40° C - +95° C
	RoHS compliant	Yes
<b>EAN</b> 4055069659641	SKU	SP197475
	EAN	4055069659641

#### overRAMing maximize your RAM



Most systems - including the Asus X99-DELUXE II - can be upgraded with more memory than originally specified by the device manufacturer.

Therefore, our memory specialists continuously analyze new memory solutions in selected systems. Due to improved manufacturing technologies, new memories with higher performance and capacity will be tested for stability and functionality. Then the new memory solutions are released for the respective systems. Use the benefits of larger computer memory capacity with the PHSmemory® overRAMing memory solutions.

https://www.phs-memory.es/-BOR

Note: The module specified in this datasheet is one of several possible configurations available under this part number.

Some details may differ from the specifications described here and the illustration, but have no negative influence on the functionality.



## System Specifications

The memory is 100% compatible with this sytem:

System manufacturer	Asus
Device type	Motherboard-memory
Device family	Mainboard X
Device series	X99 Serie
Device name	X99-DELUXE II
Maximum memory*	128GB / 64GB according to manufacturer
Number of memory sockets	8

\* The specifications for the maximum memory upgrade may differ from those of the manufacturer Asus. Often the information given in the manual for the maximum memory upgrade is not up to date. New memory technologies, bios updates or newer software versions often allow the use of memory modules with a higher capacity than specified by the manufacturer with the same performance and stability.

Memory modules with our overRAMing-symbol are approved by us for maximum memory expansion.

#### Information on memory installation

- Turn off the system
- Remove the plug of the power supply unit (if connected)
- Remove the battery, according to the user manual of the system
- Always ground yourself before touching electronic components
- Protect the memory module from static voltages:
- Do not touch the gold pins of the memory module
- Only touch the sides of the memory module
- Use a grounding strap and/or ESD glove if possible

General installation instructions are supplied by E-Mail.



#### Further memory options for Asus X99-DELUXE II

Size	SKU	Technology	Туре	Number of pins	Brand	Reference no.
4GB	SP197476	DDR4	UDIMM (Non- ECC unbuffered)	288 Pin DIMM	PHS-memory®	
8GB	SP197477	DDR4	UDIMM (Non- ECC unbuffered)	288 Pin DIMM	PHS-memory®	
16GB	SP197475	DDR4	UDIMM (Non- ECC unbuffered)	288 Pin DIMM	PHS-memory®	

#### PHS-memory® warranty

Every PHS-memory® is equipped with a 5-years-warranty of perfect operation. If the RAM module is defective or fails within 5 years of purchase when used properly, you will receive an appropriate RAM module free of charge. If a suitable memory module is no longer available, we will refund the purchase price.



For more information on warranty and service please visit https://www.phs-memory.es/-W5Y

## Contact Information

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All information without guarantee. Technical changes and errors excepted. You can find current price information in our online shop at https://www.phs-memory.es